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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/068,977	02/08/2002	Curtis W. Hallowell	47171-00344USP1	6224

30223 7590 10/29/2003

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CHICAGO, IL 60606

EXAMINER

BOWER, KENNETH W

ART UNIT	PAPER NUMBER
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3653

DATE MAILED: 10/29/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

SW

<b>Interview Summary</b>	Application No. It was ack	Applicant(s) HALLOWELL ET AL.	
	Examiner Kenneth W Bower	Art Unit 3653	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Kenneth W Bower. (3) \_\_\_\_\_  
 (2) Paul Kitch. (4) \_\_\_\_\_

Date of Interview: 29 October 2003.

Type: a) ☒ Telephonic b) ☐ Video Conference  
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.  
 If Yes, brief description: \_\_\_\_\_

Claim(s) discussed: 1-34.

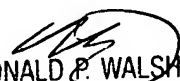
Identification of prior art discussed: Examiner requests further information regarding the 360 cited references indicating the relevance to the claimed invention and the pertinent column and lines containing the relevant data.

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

  
 DONALD P. WALSH  
 SUPERVISORY PATENT EXAMINER  
 TECHNOLOGY CENTER 3600

Examiner Note: You must sign this form unless it is an  
 Attachment to a signed Office action.

\_\_\_\_\_  
 Examiner's signature, if required

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

#### Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Attorney indicated that all of the claims are to a single embodiment. Explaining that the claimed invention is directed to a method of dynamically assigning bins that receive currency sorted based on the denomination of the currency only as described in the steps in Fig. 32 directed towards sorting based on denomination and further clarified by Figure 48b and described at pages 79 column 29 through page 103 of the specification as applied to any one of the multiple machine embodiments illustrated in Figures 1-27c at examiners discretion.

Attorney also indicated that the apparatus claims read directly on the method claims. Examiner agreed to examine the apparatus claims to the extent that they do read directly on the method claims but will make further restriction requirements during prosecution of the first action on the merits if they do not.

It was also agreed that the embodiments disclosed from pages 104-151 are not considered pertinent to the examination.

It was further agreed that the drawings did in fact disclose multiple embodiments and any requirements to make changes to the specification will be covered in the first action on the merits. The specification is considered sufficient with respect to multiple embodiments for prosecution to proceed.

  
DONALD P. WALSH  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600

## DETAILED ACTION

### *Election/Restrictions*

1. The restriction requirement entered 29 September 2003 is withdrawn pending further examination.

In a telephonic interview between Attorney of record Paul Kitch and Examiner of record Ken Bower (documented in the attached interview summary) it was decided that significant issues remain:

- Large portions of the specification are directed toward subject matter that supports other applications and need only be used for reference as needed in the prosecution of the instant application.
- The list of drawings fails to adequately disclose the embodiments contained therein.
- The specification also lists 100+ embodiments that are not pertinent to the examination of the instant application.
- The claims list long strings of method steps that require further study to determine whether they are separate and distinct and if the claimed method steps coincide with the claimed devices.

Attorney and examiner have decided that a determination will be made during the prosecution of the first action on the merits whether changes to the specification and or further restriction of the claims is warranted.

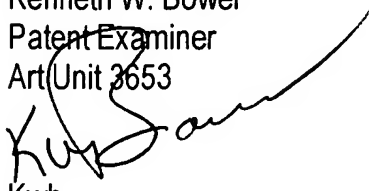
### *Conclusion*


2. Direct any inquiry concerning this or earlier communications from the examiner to Kenneth W. Bower at ken.bower@uspto.gov or (703) 306-4546. Call the examiner immediately prior to sending an unofficial fax to (703) 308-0552 or (703) 308-2571 if fax is busy. The examiner is normally available from 7:00 AM to 3:00 PM Eastern Time on Monday through Thursday and on every second Friday. The official central facsimile number for all groups is (703) 872-9306. Status or general information queries should be directed to the Group Receptionist at (703) 308-1113. If necessary, the Group Receptionist can assist with contacting the examiner's supervisor.

Application/Control Number: 10/068,977  
Art Unit: 3653

Page 3

Kenneth W. Bower  
Patent Examiner  
Art Unit 3653

  
Kwb  
28 October 2003

  
DONALD P. WALSH  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 3600